



BRUHATH BENGALURU MAHANAGARA PALIKE
Yelahanka Division, Yelahanka Zone

Executive Engineer
Yelahanka Division
D.B.M.P. Bengaluru - 64

APPROVED TENDER SCHEDULE -B'

NO.EE/YNK-D/E-PMT/012015-16 Dated: 04-01-2016

Item No: 51

Name of Work:-Drilling of borewells and providing pump and motors in ward no:03 of Yelahanka Satellite Town Sub Division

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sn B P MAJESH	
				Rate	Rate in Words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Verner or Schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality? 1.0 meter in consolidated formation for proper sealing of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personnel and labour required etc., as per Specification and direction	Each	5.00	1938.46	Ruppees One thousand nine hundred thirty eight and paise forty six only
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strata including over burden upto 20 ms fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,)	Rmtr			
	0 to 50 m		250.00	315.18	Ruppees Three hundred fifteen and paise eighteen only
	50 to 100 m		250.00	412.00	Ruppees four hundred twelve and paise zero only
	100 to 150 m		250.00	458.36	Ruppees four hundred fifty eight and paise thirty five
	150 to 200 m		250.00	484.10	Ruppees four hundred eighty four and paise ten only
	200 to 250 m		250.00	560.32	Ruppees five hundred sixty and paise thirty two only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Srt B P MAHESH	
				Rate	Rate in Words
	250 to 300m		275.00	600.49	Rupees six hundred and paise forty nine only.
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material conforming to IS 1387 / 1993 & manufactured from hot rolled steel skep / stripes in random length of 4 to 7 mts both ends threaded conforming to IS 554 / 1985, one end fixed with a socket and the other end with a plastic protection end (including of all taxes)	Rmtlr	210.00	1325.00	Rupees one thousand three hundred twenty five and paise zero
4	Providing 250mm dia PVC Pipe 5kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtlr	50.00	1100.00	Rupees one thousand one hundred and paise zero only
5	Providing and fixing 175mm Borewell cap	No	4	100.00	Rupees one hundred and paise zero only
6	Supply and delivery at site brand New lexmo/ Innovair Lubri Sabar / Alstentia/ Calamati make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Mel type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply filled with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete. The pump and motor shall form an integral unit with all the required fittings	No	4.00	49250.00	Rupees forty nine thousand two hundred fifty only
7	Supplying of ISI marked galvanized mild steel tube (continuously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1985 with latest amendments, pipes threadless at one end and the other end protected as per specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendment 1-5 and with all its latest amendments if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008.	Rmtlr	980.00	431.00	Rupees four hundred thirty one and paise zero only
8	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWVD Electrical SIR 2007-08 3/2008-09 4538/19.01.2009 (1x3x4.00 Sqmm PVC cable	Mtr	2020.00	151.00	Rupees one hundred fifty one and paise zero only
9	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap, Cable clips with bolts, nuts, valves gauges etc., involved in the job (Necessary GI pipe and specials will be supplied by the board at the site free of cost)	No	4.00	3000.00	Rupees three thousand only
10	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using lapped inverted wooden plugs screws etc.,	Each	4.00	285.00	Rupees two hundred eighty five and paise zero only

Sl. No.	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Shd P. MAHESH	
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11	Supplying of LTUG cable having aluminium conductor PVC insulated sheathed, galvanised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class	Mtr	100.00	150.00	Rupees one hundred fifty and paise zero only
12	Labour charges for laying of 1.1 KV class UG cable (PWD Electrical SR-1999-2000)	Mtr	100.00	8.00	Rupees Eight and paise zero only
13	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc. complete (as per Civil SR KSRB)	Mtr	100.00	60.00	Rupees sixty and paise zero only
14	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class	Mtr	16.00	240.00	Rupees two hundred forty and paise zero only
15	Supplying and fixing L.T. cast iron pole head suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	4.00	260.00	Rupees two hundred sixty and paise zero only
16	Supplying, fixing, wiring, earth electrode for grounding conduits, L.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal proportion of soil and charcoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 through holes of 122 mm dia. (PWD Electrical SR-1999-2000)	No	4.00	1950.00	Rupees one thousand nine hundred fifty and paise zero only
17	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete... P No. 300 No 3b	No	8.00	120.00	Rupees one hundred twenty and paise zero only
18	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and H.O.M of equipments with all leads complete as per specifications NO KBS 13.2.15 / 13.13	No	4.00	1579.40	Rupees one thousand five hundred seventy nine and paise forty only
19	Providing MP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 84 / 1, No. 13.81.3	Nos	4.00	227.90	Rupees two hundred twenty seven and paise ninety only
20	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	No	16.00	80.00	Rupees eighty and paise zero only
21	Supplying shunt capacitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery. Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	No	4.00	350.00	Rupees three hundred fifty and paise zero only
22	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing material wiring complete as required 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	No	4.00	1000.00	Rupees one thousand only

Description

Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B P Mallik	
		Rate	Rate in Words
Sq Cm	93600.00	0.33	Rupees zero and paise thirty three only
No	4.00	11000.00	Rupees Eleven thousand only
Cum	245.70	283.02	Rupees two hundred eighty three and paise two only
Rmt			
	810.00	161.71	Rupees one hundred sixty one and paise seventy one only
Cum	245.70	76.32	Rupees seventy six and paise thirty two only
Each	29.00	2120.00	Rupees two thousand one hundred twenty and paise zero only

Signature of the Contractor

B. P. Mallik

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-54